

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. 520.39873VX1	
		First Inventor Shunichi NARUMI et al.	
		Title INDUCTIVE HEAD AND MAGNETIC DISK APPARATUS	
(Only for new nonprovisional applications under 37 CFR 1.53(b))		Express Mail Label No.	
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning patent application contents.		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents POB 1450 Alexandria, Virginia 22313-1450	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		8. Nucleotide and/or Amino Acid Sequence Submission if applicable, all necessary)	
3. <input checked="" type="checkbox"/> Specification [Total Pages: 21] -Descriptive title of the invention (or title page) -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure		a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
4. <input checked="" type="checkbox"/> Formal Drawing(s) (35 U.S.C. 113) [07 Shts.: Flgs 1-7]		ACCOMPANYING APPLICATION PARTS	
5. Oath or Declaration [Total Pages: 04] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) ii. <input type="checkbox"/> FILED WITHOUT DECLARATION		9. <input type="checkbox"/> Assignment(s)/Recordation Cover Form(s) PTO-1595 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee) (In Declarations) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of Refs. 13. <input checked="" type="checkbox"/> Preliminary Amendment/Claims for Priorities 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: Form PTO-2038 (Fee Code 1001)	
6. <input type="checkbox"/> Application Data Sheet (See 37 CFR §1.76)			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Division <input type="checkbox"/> Continuation-in-part (CIP) of prior application No. 09/811,437 filed 20 March 2001 Prior application information: Examiner: J.A. Watko Group Art Unit: 2652 Confirmation No.: 9521 CONTINUATION/DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.			
19. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer No./Bar Code Label		<input type="checkbox"/> Correspondence address below	
Name ANTONELLI, TERRY, STOUT & KRAUS, LLP		(Insert Customer No./Attach bar code/label here)	
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name	Registration No. (Attorney/Agent)		
Signature	Date		

17518 U.S. PTO
10/791858


030404

13281 U.S. PTO
030404

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">for FY 2002</h3> <p style="margin: 0;"><i>Patent fees are subject to annual revision.</i></p>				<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>Unassigned (\$53b Div. of 09/811,437)</td> </tr> <tr> <td>Filing Date</td> <td>4 March 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Shunichi NARUMI et al.</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned (Parent - J.A. Watko)</td> </tr> <tr> <td>Group Art Unit</td> <td>Unassigned (Parent - 2652)</td> </tr> <tr> <td>Attorney Docket No.</td> <td>520.39873VX1</td> </tr> </table>				Application Number	Unassigned (\$53b Div. of 09/811,437)	Filing Date	4 March 2004	First Named Inventor	Shunichi NARUMI et al.	Examiner Name	Unassigned (Parent - J.A. Watko)	Group Art Unit	Unassigned (Parent - 2652)	Attorney Docket No.	520.39873VX1																																																																																																																																			
Application Number	Unassigned (\$53b Div. of 09/811,437)																																																																																																																																																					
Filing Date	4 March 2004																																																																																																																																																					
First Named Inventor	Shunichi NARUMI et al.																																																																																																																																																					
Examiner Name	Unassigned (Parent - J.A. Watko)																																																																																																																																																					
Group Art Unit	Unassigned (Parent - 2652)																																																																																																																																																					
Attorney Docket No.	520.39873VX1																																																																																																																																																					
TOTAL AMOUNT OF PAYMENT		(\$) 770.00																																																																																																																																																				
METHOD OF PAYMENT			FEE CALCULATION (continued)																																																																																																																																																			
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge DEFICIENCIES indicated to:</p> <p>Deposit Account Number 01-2135 Deposit Account Name ATS&K</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27</p>			<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examination action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td></tr> </tbody> </table> <p>Other fee (specify) _____</p> <p>*Reduced by Basic Filing Fee Paid</p>			Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examination action	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	400	216	200	Extension for reply within second month	117	920	217	460	Extension for reply within third month	118	1,440	218	720	Extension for reply within fourth month	128	1,960	228	980	Extension for reply within fifth month	119	320	219	160	Notice of Appeal	120	320	220	160	Filing a brief in support of an appeal	121	280	221	140	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,280	241	640	Petition to revive - unintentional	142	1,280	242	640	Utility issue fee (or reissue)	143	460	243	230	Design issue fee	144	620	244	310	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Processing fee under 37 CFR 1.17(q)	126	180	126	180	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	179	740	279	370	Request for Continued Examination (RCE)	169	900	169	900	Request for expedited examination of a design application
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																		
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																		
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																		
139	130	139	130	Non-English specification																																																																																																																																																		
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																		
112	920*	112	920*	Requesting publication of SIR prior to Examination action																																																																																																																																																		
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																		
115	110	215	55	Extension for reply within first month																																																																																																																																																		
116	400	216	200	Extension for reply within second month																																																																																																																																																		
117	920	217	460	Extension for reply within third month																																																																																																																																																		
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																		
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																		
119	320	219	160	Notice of Appeal																																																																																																																																																		
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																		
121	280	221	140	Request for oral hearing																																																																																																																																																		
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																		
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																		
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																		
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																		
143	460	243	230	Design issue fee																																																																																																																																																		
144	620	244	310	Plant issue fee																																																																																																																																																		
122	130	122	130	Petitions to the Commissioner																																																																																																																																																		
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																		
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																		
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																		
146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))																																																																																																																																																		
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																		
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																		
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																		
<p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>			<p>SUBTOTAL (3) (\$)00</p>																																																																																																																																																			
FEE CALCULATION																																																																																																																																																						
<p>2. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr> <tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (1)</td><td>\$770.00</td></tr> </tbody> </table>			Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee		SUBTOTAL (1)					\$770.00																																																																																																										
Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																	
1001	770	2001	385	Utility filing fee																																																																																																																																																		
1002	340	2002	170	Design filing fee																																																																																																																																																		
1003	530	2003	265	Plant filing fee																																																																																																																																																		
1004	770	2004	385	Reissue filing fee																																																																																																																																																		
1005	160	2005	80	Provisional filing fee																																																																																																																																																		
SUBTOTAL (1)					\$770.00																																																																																																																																																	
<p>1. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3"></th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>10-20**</td> <td>=</td> <td>00</td> <td>x\$18</td> <td>= \$00</td> </tr> <tr> <td>Indep. Claims</td> <td>1-3**</td> <td>=</td> <td>00</td> <td>x\$ 86</td> <td>= \$00</td> </tr> <tr> <td>Multiple Dependent</td> <td colspan="4"></td> <td>=</td> </tr> </tbody> </table>						Extra Claims	Fee from below	Fee Paid	Total Claims	10-20**	=	00	x\$18	= \$00	Indep. Claims	1-3**	=	00	x\$ 86	= \$00	Multiple Dependent					=	<p>SUBTOTAL (2) \$00</p>																																																																																																																											
			Extra Claims	Fee from below	Fee Paid																																																																																																																																																	
Total Claims	10-20**	=	00	x\$18	= \$00																																																																																																																																																	
Indep. Claims	1-3**	=	00	x\$ 86	= \$00																																																																																																																																																	
Multiple Dependent					=																																																																																																																																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Entity Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>1201</td><td>18</td><td>2201</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1202</td><td>86</td><td>2202</td><td>43</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2) \$00</td></tr> </tbody> </table>			Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description	1201	18	2201	9	Claims in excess of 20	1202	86	2202	43	Independent claims in excess of 3	1203	290	2203	145	Multiple dependent claim, if not paid	1204	86	2204	43	** Reissue independent claims over original patent	1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) \$00																																																																																																																					
Large Fee Code	Entity Fee (\$)	Small Entity Fee Code	Fee (\$)	Fee Description																																																																																																																																																		
1201	18	2201	9	Claims in excess of 20																																																																																																																																																		
1202	86	2202	43	Independent claims in excess of 3																																																																																																																																																		
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																		
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																		
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																		
SUBTOTAL (2) \$00																																																																																																																																																						

**or number previously paid, if greater; For Reissues, see above.

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Paul J. SKWIERAWSKI	Registration No. (Attorney/Agent)	32,173
Signature		Telephone	703-312-6600
		Date	4 March 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.